

Special Issue

Advances in Sensor Technology in Smart Ships and Offshore Facilities

Message from the Guest Editors

In recent years, sensor technology on smart ships and offshore facilities has witnessed rapid development and innovative progress, which is of great significance for the autonomous navigation, remote control, human-machine, networked cooperation, and intelligent maintenance. For example, sensor technologies are used in machinery condition monitoring, structure health monitoring, exhaust emission control, ballast water discharge, vessel intelligent collision avoidance, ship handling, maritime communications, localization and object tracking, etc. This Special Issue aims to highlight the latest advances in marine sensor technology, including but not limited to original research and reviews in the scope of sensing mechanisms, structural design, system modeling and simulation, advanced fabrication techniques, detecting circuits, signal processing, reliability of sensors, sensor interfaces, and calibration methods. We look forward to receiving your papers.

Guest Editors

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Deadline for manuscript submissions

closed (20 October 2023)



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About the Journal

Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (JMSE, ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
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